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PATENT

AUG 31 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of  
Cheol Kyun HEO and Seong Whan KIM

Confirmation No.: 8206

Serial No.: 09/655,403

Group Art Unit: 2683

Filed: September 5, 2000

Examiner: Stephen M. D'AGOSTA

For: METHOD FOR TRANSMITTING AND RECEIVING MESSAGE OF SHORT  
MESSAGE BROADCASTING SERVICES IN TELECOMMUNICATION  
SYSTEM

Customer No.: 34610

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Randolph Building  
401 Dulany Street  
Alexandria, Virginia 22314

*Certificate  
SEP 02 2005  
of Correction*

Sir:

Applicants request the U.S. Patent and Trademark Office to issue a Certificate of Correction to fix claims 1, 13, 18 and 37 of Issued Patent No. 6,826,408 B1 to include minor changes which are of a clerical nature, a typographical nature and/or a mistake of minor character. No new matter is added and/or no reexamination is required.

It is believed that no fee is due. However, please credit or debit Deposit Account No. 16-0607 as necessary to effect entry of the attached corrections.

Respectfully submitted,  
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Date: August 31, 2005

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SEP 06 2005

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

PATENT NO. : 6,826,408 B2

DATED : November 30, 2004

INVENTOR(S) : Seong Whan Kim and Cheol Kyun Heo

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Claim 1.** A method for transmitting and receiving short message for broadcast services in a communication system comprising:

transmitting a broadcast indicator using a common control channel, the broadcast indicator indicating a transmission of a broadcast message on a paging channel or a broadcast channel, wherein the common control channel is a different channel from the paging channel or the broadcast channel;

receiving at the mobile station, the broadcast indicator through the common control channel and checking a status of the broadcast indicator; and

receiving, at the mobile station, the broadcast message through the paging channel or the broadcast channel during a broadcast cycle if the status of the broadcast indicator received through the common control channel indicates the transmission of the broadcast message on the paging channel or the broadcast channel.

**Claim 13.** A method for transmitting and receiving short message for broadcast services in a communication system comprising:

setting a field to an expanded system parameter message and transmitting said set field to a mobile station, wherein said field notifies whether a base station provides a broadcast indicator on a quick paging channel;

transmitting the broadcast indicator through the quick paging channel before transmitting a broadcast message on a paging channel or the broadcast channel to notify whether the base station is transmitting a broadcast message to a mobile station;

receiving and checking, at the mobile station, the status of the broadcast indicator on the quick paging channel, if said set field indicates that the base station provides the broadcast indicator on the quick paging channel; and

receiving, at the mobile station, the broadcast message from said base station when the status of the broadcast indicator on the quick paging channel indicates that said base station is transmitting a broadcast message on the paging channel or the broadcast channel, during a broadcast cycle.

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PATENT NO. 6,826,408 B2

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DATED : November 30, 2004

INVENTOR(S) : Seong Whan Kim and Cheol Kyun Heo

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Claim 18. A method for receiving a broadcast message, comprising:  
 receiving a broadcast indicator on a first common channel and checking a status of the broadcast indicator on the first common channel; and  
 receiving a broadcast message on a second common channel from a base station when the status of the broadcast indicator on the first common channel indicates that the base station is transmitting the broadcast message on the second common channel, wherein the broadcast message is received through the second common control-channel during a broadcast cycle and wherein the first common channel is a quick paging channel and the second common control channel is a paging channel or a broadcast channel.

Claim 37. A method comprising:  
 receiving a broadcast indicator on a quick paging channel (QPCH);  
 if the broadcast indicator indicates existence of a broadcast message, then monitoring a common control channel for reception of the broadcast message, wherein the common control channel is a paging channel or a broadcast channel;  
 receiving an overhead message through athe common control channel before receiving the broadcast indicator on the QPCH; and  
 obtaining a first information and a second information in an overhead message, wherein the first information indicates a broadcast slot cycle index of transmitting the broadcast message and the second information indicates whether or not the at least one broadcast indicator is supported in the quick paging channel.

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